



Reches Patents
Beit Hatamar
17 Hatidhar St. P.O.B. 2213
Raanana 43665
Israel

Tel : +972 77 5353225

Fax : +972 77 5353227

25/06/2008

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450
UNITED STATES OF AMERICA

Dear USPTO,

**RE: REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF
ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS**

Please find enclosed a SB82, 'Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence Address' signed by Rob Horton on behalf of Bigband Networks Inc for those applications appearing in Attachment A.

Yours sincerely,

Karen Douglas
Reches Patents



DFW

Approved for use through 04/30/2008, OMB 0851-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Bigband Networks Inc.Application No./Patent No.: 10619900Filed/Issue Date: 07/14/03Entitled: Method and system for compensating for timing violations of a multiplex of at least two media packet streamsBigband Networks Inc.
(Name of Assignee)a corporation
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

In the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014731, Frame 0750, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

(NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Rob Horton
SignatureRob Horton
Printed or Typed Name

Title

23/6/8
Date1 650 995 5047
Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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1337

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICEBLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
LOS ANGELES

JUNE 16, 2004

PTAS
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
TAREK N. FAHMI
12400 WILSHIRE BOULEVARD
7TH FLOOR
LOS ANGELES, CA 90025

102612748A

PROCESSED BY
DOMESTIC
ADMINISTRATOR
ADMINISTRATORUNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/01/2003

REEL/FRAME: 014731/0750
NUMBER OF PAGES: 3BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 5079P023

ASSIGNOR:

GOLAN, ODED

DOC DATE: 11/23/2003

ASSIGNOR:

AVIELI, GILAT

DOC DATE: 11/23/2003

ASSIGNOR:

AVIELI, ERAN

DOC DATE: 11/23/2003

ASSIGNOR:

ABUDDI, SHLOMO

DOC DATE: 11/23/2003

ASSIGNOR:

KALMA, DAVID

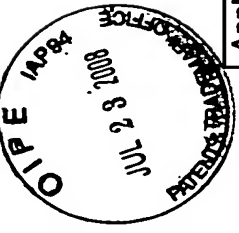
DOC DATE: 11/23/2003

ENTERED

STATUS DB-LA

Attachment A

Application No.	Filing Date	Title	Reference	Reel and frame of assignment
09/825628	3 Apr 01	Method and System for Generating, Transmitting and Utilizing Bit Rate Conversion Information	1270	Notice of Recordation of Assignment attached
10/187917	1 Jul 02	Method and Systems for Providing Enhanced Television Services	1327	Notice of Recordation of Assignment attached
10/619900	14 Jul 03	Method and system for compensating for timing violations of a multiplex of at least two media packet streams	1337	Notice of Recordation of Assignment attached
10/683141	9 Oct 03	Method and System for Timing Media Stream Modifications	1336	Notice of Recordation of Assignment attached
10/693509	24 Oct 03	Method and Apparatus of Multiplexing Media Streams	1335	Notice of Recordation of Assignment attached
10/421257	22 Apr 03	Method and System for Modulating Media Packets	1268	Notice of Recordation of Assignment attached
10/746616	23 Dec 03	System and Method for Encrypting and Modulating Video Streams	1275	Notice of Recordation of Assignment attached
11/106388	13 Apr 05	Method and system for providing interactive services using video on demand infrastructure	1333	Notice of Recordation of Assignment attached
11/141849	31 May 05	Method and system for program based redundancy	1332	Notice of Recordation of Assignment attached
11/141,848	31 May 05	Method Transmitter and System for Providing Video on Demand Services	1323	Notice of Recordation of Assignment attached
11/277110	21 Mar 06	Method and Device for Providing Video, Data and Voice to End User Devices	1322	Notice of Recordation of Assignment attached
10/209349	30 Jul 02	System and method for providing in-band timing information to digital home communication terminals	1271	Notice of Recordation of Assignment attached
11/380363	26 Apr 06	method and device for receiving and providing programs	1285	Notice of Recordation of Assignment attached
10/685958	14 Oct 03	System and method for providing trick modes	1329	Notice of Recordation of Assignment attached
11/200754	9 Aug 05	method and device for receiving and providing programs	1324	Notice of Recordation of Assignment attached
11/055507	9 Feb 05	Method and system for exchanging media and data between multiple clients and a central entity	1334	Notice of Recordation of Assignment attached
10/698189	30 Sep 03	System and method for providing media stream related applications	1338	Notice of Recordation of Assignment attached
11/617637	28 Dec 06	Method and device for providing programs to multiple end user devices	1348	Notice of Recordation of Assignment attached





PTO/SB/82 (01-06)

Approved for use through 12/31/2008. OMB 0551-0035
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**REVOCATION OF POWER OF
ATTORNEY WITH
NEW POWER OF ATTORNEY
AND
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	See Attachment A
Filing Date	See Attachment A
First Named Inventor	
Art Unit	
Examiner Name	
Attorney Docket Number	

I hereby revoke all previous powers of attorney given in the above-identified application.☐ A Power of Attorney is submitted herewith.**OR**☒ I hereby appoint the practitioners associated with the Customer Number:

69054

☒ Please change the correspondence address for the above-identified application to:☒ The address associated with
Customer Number:

69054

OR☐ Firm or
Individual Name

Address

City

State

Zip

Country

Telephone

Email

I am the:☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)***SIGNATURE of Applicant or Assignee of Record**

Signature

Name

Rob Horton V.P. (on behalf of Bigband Networks Inc)

Date

6/6/08

Telephone

1 650 995 5047

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.38. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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